

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1894	396/267,201,202,203,182,157,158, 286,106,155.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:23
L2	22	1 and (camera same ((LEDs LED) with (multiple plurality multitude)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 10:14
L3	3	(LEDs near15 around near10 (flash near2 module))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:31
L4	7	(flash near2 (module projector)) same (LED with (plurality multiple multitude))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:35
L5	217	(camera and (flash adj (projector module)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:36
L6	10	5 and ((LED LEDs) same (plurality multiple multitude))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:37
L7	2	("5884108"   "6044231").PN. OR ("6507710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:48
L8	1	"6829624".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:48
L9	3	("6334025"   "6462778"   "6687453"). PN. OR ("6829624").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:49
L10	404	(flash adj (module projector))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 09:52
L11	165	10 and (LED LEDs (light adj emitting adj diode\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 10:00
L12	3	(LED LEDs) same (around circumference circl\$3 encompass\$3) same (flash adj (projector module))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 10:05
L13	858	(camera same ((plurality multitude multiple) with (LED LEDs)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 10:16
L14	166	13 and "396".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 10:17

## EAST Search History

L15	11	("20010038750"   "4843515"   "4963911"   "5175579"   "5293194"   "5448330"   "5526088"   "5870637"   "6084658"   "6222996"   "RE34900").PN. OR ("6377753").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 10:24
L16	9	("4688919"   "4771308"   "4870442"   "4958180").PN. OR ("5870637").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/04 10:32
S1	354	(340/815.45).CCLS.	USPAT; USOCR	OR	OFF	2005/09/26 15:02
S2	81	S1 and flash	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 15:29
S3	0	348/370-371.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 15:35
S4	412	348/370-371.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 15:49
S5	486	362/555.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 15:49
S6	309	light adj guide adj rod	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 15:51
S7	28	S6 and "362".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/26 15:51
S8	309	light adj guide adj rod	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:31
S9	67	S8 and (LED)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 10:56

## EAST Search History

S10	67	S8 and (LED or (light adj emitted adj diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:16
S11	0	S10 and (flash near5 module)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:05
S12	0	S10 and (flash adj module)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:05
S13	9	S10 and flash\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:16
S14	2	S8 and (flash near5 (module circuit apparatus))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:19
S15	0	S8 same (ESD or (electric adj static adj discharge\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:32
S16	0	S8 and (ESD or (electric adj static adj discharge\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:32
S17	0	S8 and (ESD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:34
S18	903	S8 and (ESD) or electro-static adj discharge	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:34
S19	0	S8 and ((ESD) or electro-static adj discharge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:34

## EAST Search History

S20	13133	((ESD) or electro-static adj discharge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:34
S21	0	S20 and (light adj guide adj rod)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:35
S22	0	S20 and (light adj guide adj rod)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:45
S23	1	(light adj guide adj rod) and "340". clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:48
S24	28	(light adj guide adj rod) and "362". clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 11:49
S25	0	("2005/0207157").URPN.	USPAT	OR	ON	2005/09/27 12:29
S26	1	"6905214".pn.	USPAT	OR	ON	2005/09/27 12:29
S27	13	("20030193649"   "20030218880"   "20040041984"   "5765934"   "5786934"   "5967653"   "6129437"   "6227669"   "6318863"   "6325550"   "6412953"   "6517211"   "6547400"). PN. OR ("6905214").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:41
S28	71	S8 and (indicat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:44
S29	12	S8 and (camera)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:48
S30	17530	camera same (flash)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:48
S31	1	S30 and S8	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:48
S32	1	S8 and S30	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:48

## EAST Search History

S33	1	S8 and S30	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:48
S34	31210	(indicat\$3 near5 (apparatus mechanism device)) and flash	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:51
S35	9553	S34 and (LED or (light adj emitting adj diode))	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:51
S36	69	S35 and (ESD)	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:53
S37	1136	710/1.cccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:59
S38	275	396/263-264.cccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 12:59
S39	275	396/263-264.cccls.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 15:10
S40	18435	light adj guide	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 15:10
S41	2117	S40 and "362".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 15:10
S42	102	S41 and flash	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 15:12
S43	146	light adj guide adj rod	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/27 15:13
S44	312	light adj guide adj rod	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 15:13
S45	1	S44 same LD	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 15:13

## EAST Search History

S46	43	S44 same LED	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 15:19
S47	1058	396/155.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 15:20
S48	2	"6905214".pn.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 15:21
S49	0	362/555.pn.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 15:21
S50	488	362/555.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 15:21
S51	433	S50 and (LED)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:18
S52	219	348/371.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:38
S53	140	S52 and indicat\$3	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:26

## EAST Search History

S54	0	S52 and (light adj guide adj (rod or tube))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:26
S55	0	S52 and (light adj guide adj rod)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:26
S56	13	S52 and (light adj guide)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:32
S57	27	S52 and (light near4 guid\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:35
S58	3	S52 and ((light near4 guid\$3) same (LED))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:37
S59	1	S41 and ESD	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:37
S60	425	348/370-371.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:38
S61	60	S60 and (flash near3 (module or apparatus))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:45

## EAST Search History

S62	149167	LED same indicat\$3	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:45
S63	1321	S62 and (light adj guide)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:46
S64	291	S63 and (Flash)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:46
S65	54	S64 and (ESD or (electro-static adj discharge))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:55
S66	35356	LED near4 indicat\$3	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:55
S67	3601	S66 same flash\$3	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 16:55
S68	14	S67 same (light near3 guid\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 17:31
S69	46304	light adj guide	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 07:55

## EAST Search History

S70	4757	S69 same LED	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 17:31
S71	52	S70 and (flash near3 (module apparatus emit\$3))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 17:39
S72	0	S71 and ESD	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 17:39
S73	0	S71 and (electro-static adj discharge)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 17:40
S74	81	S69 and ESD	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 17:41
S75	4757	S69 same (LED)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 17:42
S76	0	S75 same (flash adj (module apparatus emit\$3))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/27 17:43
S77	465	light adj guide and "396".clas.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:19

## EAST Search History

S78	202	S77 and (around surround\$3 wrap\$4 enclos\$3 near3 (LED))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 07:56
S79	123	S78 and flash	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:17
S80	312	light adj guide adj rod	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:17
S81	1	S80 and (flash adj (module emit\$3))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:18
S82	46304	light adj guide	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:19
S83	11086	S82 and (around wrap\$3 enclos\$3 surround\$3 (flash adj (emit\$3 module apparatus)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:52
S84	245	S83 and "396".clas.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:22
S85	11045	S82 and (around wrap\$3 enclos\$3 surround\$3 near3 (flash adj (emit\$3 module apparatus)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:23

## EAST Search History

S86	224	S85 and "396".clas.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:22
S87	11045	S82 and (around wrap\$3 enclos\$3 surrond\$3 near3 (flash adj light adj (emit\$3 module apparatus)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:50
S88	46304	light adj guide	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:50
S89	0	S88 near4 (combined near3 (flash adj (emit\$3 module apparatus)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:51
S90	0	S88 and (combined near3 (flash adj (emit\$3 module apparatus)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:51
S91	13945	S82 and (combined around wrap\$3 enclos\$3 surrond\$3 near5 (flash adj (emit\$3 module apparatus)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:52
S92	4012	S91 and LED	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 08:53
S93	2	S91 and 396/171.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:44

## EAST Search History

S94	43	348/171.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:45
S95	100	348/377.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:45
S96	0	348/377.ccls. and (light adj guide)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:46
S97	851	(light adj guide) and "348".clas.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 10:47
S98	24	S97 and (flash\$3 near3 (emit\$3 module))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 11:04
S99	0	(light adj guide) same (round near3 (flash adj (emit\$3 module)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 11:05
S100	0	(light adj guide) and (round near3 (flash adj (emit\$3 module)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 11:05
S101	0	(light adj guide) and (round same (flash adj (emit\$3 module)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 11:05

## EAST Search History

S10 2	4	(light adj guide) and (around same (flash adj (emit\$3 module)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 11:20
S10 3	365	340/815.42,815.43.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 11:22
S10 4	45	S103 and (light adj guide)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:35
S10 5	2	("4252426"   "4492451").PN. OR ("6704500").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/28 11:35
S10 6	11463	(light adj guide adj rod) or (light adj pipe) or (light adj rod)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:36
S10 7	232	S106 and "348".clas.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 12:36
S10 8	64	S107 and Flash	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 14:56
S10 9	274	flash adj module	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:24
S11 0	2505	flash adj (module apparatus emit\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:24

## EAST Search History

S11 1	2	ndicat\$3 same S110	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:25
S11 2	392	indicat\$3 same S110	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:25
S11 3	286	S112 and (camera or (indicat\$3 adj apparatus))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:29
S11 4	1269	camera\$1 same (flash\$3 near3 indicat\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:33
S11 5	394	camera\$1 and (flash\$3 near3 (emit\$3 module apparatus) with indicat\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:35
S11 6	205	camera\$1 same (flash\$3 near3 (emit\$3 module apparatus) with indicat\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:40
S11 7	394	S115 and (blink\$3 or flash\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:40
S11 8	205	S116 and (blink\$3 or flash\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:40

## EAST Search History

S11 9	55	S118 and (LED or (light-emitting adj diode))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:57
S12 0	1251	362/26-27.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:57
S12 1	90	LEd and "L112"	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:57
S12 2	436	S120 and LED	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 17:15
S12 3	0	S122 and (flash adj (module emit\$3))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:58
S12 4	254	S122 and (indicat\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:59
S12 5	0	S124 and (flash adj (emit\$3 or module))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 16:59
S12 6	107	S124 and (light adj guide)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 17:02

## EAST Search History

S12 7	1	S126 and flash	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 17:15
S12 8	274	flash adj module	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 17:15
S12 9	1223	flash adj (module or emit\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 17:15
S13 0	312	light adj guide adj rod	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 17:15
S13 1	0	S129 with S130	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 17:16
S13 2	0	S129 same S130	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/28 17:16
S13 3	832	light adj guide adj (rod pipe tube)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 14:36
S13 4	1	S133 near4 ((around surround\$3 enclos\$3) near5 (flash adj (module or member)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 14:38

## EAST Search History

S13 5	366	(flash adj (module or member))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 14:41
S13 6	2	S135 and (light adj guide)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 14:40
S13 7	3	(around surroud\$3 encompass\$4 encircl\$3 enclos\$3) near4 (flash adj (module or member))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 14:44
S13 8	366	(Flash adj (module or member))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 14:44
S13 9	366	(Flash adj (module or member))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 14:44
S14 0	65	S139 and (rod tube pipe)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 14:45
S14 1	25	S139 same (rod tube pipe)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 15:14
S14 2	25	earthquake and "346".clas.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 15:14

## EAST Search History

S14 3	1	(blink\$3 flash\$3) near5 ((surround\$3 around\$3) same (flash adj module))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/19 15:41
S14 4	2	2001/0,017,649	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 12:30
S14 5	2	"20010017649"	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:20
S14 6	4	"0690593"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 12:42
S14 7	422	348/375.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:25
S14 8	9	S147 and (light near3 guide)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:34
S14 9	0	S147 and ((light near3 guide) same flash\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:34
S15 0	4	S147 and ((light near3 (rod tube pipe)) same flash\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:34

## EAST Search History

S15 1	18	S147 and (light near3 (rod tube pipe))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:43
S15 2	0	S151 and (ESD or (electro adj static adj discharge))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:43
S15 3	17153	light adj (rod or pipe or tube)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:43
S15 4	20	S153 same (ESD or (electro adj static adj discharge))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:49
S15 5	1457	348/373	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:50
S15 6	559	348/376	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:50
S15 7	19	S156 and (light near3 (rod pipe tube))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 14:51
S15 8	38	S155 and (light near3 (rod or pipe or tube))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 15:43

## EAST Search History

S15 9	13	("348"/\$.ccls. or "396"/\$.ccls. or "362"?\$.ccls.) and flash\$3 same (status\$3 or condition\$1) near5 indicat\$3 same ((light\$3 or wave\$1) near3 guide\$1 or shock\$3 near3 absor\$6) and camera\$1	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/24 15:45
S16 0	1	(LED or (light adj emitting adj diode)) near5 ((around surrond encompass\$2 encircle\$1) near3 (flash adj (module or apparatus)))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:16
S16 1	2	"11013257"	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:16
S16 2	0	("11013257").PN.	USPAT; USOCR	OR	OFF	2005/10/25 10:16
S16 3	1	11/013257	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:21
S16 4	2	09/725118	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:22
S16 5	3	(light adj guide) with (flash adj (module or projector))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:30
S16 6	1	(light adj guide adj (rod or tube or pipe)) with (flash adj (module or projector))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:34
S16 7	20	(flash adj (module or projector)) near3 (LED or (light adj emitting adj diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:38
S16 8	2	(flash adj (module or projector)) near3 (LED or (light adj emitting adj diode)) and camera	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:40

## EAST Search History

S16 9	415	flash adj (module or projector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:41
S17 0	144	S169 and (LED or (light adj emitting adj diode))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:41
S17 1	98	S170 and (indicat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/25 10:42
S17 2	5587	(light near2 (guide pipe tube)) same (camera)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 07:15
S17 3	322	((light near2 guide) with (pipe tube)) same (camera)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 07:30
S17 4	118	S173 and (ES or (electrostatic))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 07:31
S17 5	116	S173 and (ES or (electrostatic) same (prevent\$3 protect\$3))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 07:32
S17 6	12	S173 and ((electrostatic) same (prevent\$3 protect\$3))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 08:06
S17 7	0	S173 and ((electrostatic near2 discharge) same (shield\$3 protect\$4 prevent\$4))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 08:19

## EAST Search History

S17 8	12591	((electrostatic near2 discharge) same (shield\$3 protect\$4 prevent\$4))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 08:19
S17 9	422	S178 and (camera\$1)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 08:20
S18 0	422	S179 and (shield\$3 protect\$3 prevent\$4)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 08:22
S18 1	157	S180 and (flash\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 08:21
S18 2	1	S180 and (light near4 guide near4 (pipe tube rod))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 08:23
S18 3	13	S180 and (light near4 (pipe tube rod))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 10:46
S18 4	45	(light near2 (tube guide rod pipe)) same (ESD or (electrostatic adj discharge))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 10:48
S18 5	4	("3345537").URPN.	USPAT	OR	ON	2006/04/03 14:39
S18 6	1	"5833517".pn.	USPAT	OR	ON	2006/04/03 14:39
S18 7	8	("4093754"   "4237209"   "4828893"   "5069004"   "5423713").PN. OR ("5833517").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 14:39

## EAST Search History

S18 8	0	S187 and (camera flash\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 15:50
S18 9	89	396/267.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:04
S19 0	0	S189 and (ESD (electrostatic adj discharge))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:44
S19 1	49	S189 and (light near2 (pipe guide rod tube))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:46
S19 2	27	S191 and (sheild\$3 protect\$3 prevent\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:07
S19 3	2	("5556186"   "5617163").PN. OR ("6088543").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:42
S19 4	1894	396/267,201,202,203,182,157,158, 286,106,155.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:43
S19 5	0	S194 and (ESD (electrostatic adj discharge))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:44
S19 6	0	S194 and (electrostatic near4 discharge)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:44
S19 7	20	S194 and (electrostatic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:46
S19 8	1	"4926284".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:45
S19 9	355	S194 and (light near2 (pipe guide rod tube))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:46
S20 0	3	S199 and (electrostatic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:47
S20 1	6	S199 and (external near3 force)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:47
S20 2	6	S199 and (external near3 force\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:50

## EAST Search History

S20 3	580	S194 and (camera\$1 and (LED or (light adj emitting adj diode)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:50
S20 4	7	S203 and (flash near2 module) and (indicat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/03 16:51